

Title (en)  
SYSTEM FOR SELECTIVELY PRODUCING STEAM FROM SOLAR COLLECTORS AND HEATERS FOR PROCESSES INCLUDING ENHANCED OIL RECOVERY

Title (de)  
SYSTEM ZUR SELEKTIVEN HERSTELLUNG VON DAMPF AUS SOLARKOLLEKTOREN UND BRENNER FÜR VERFAHREN MIT VERBESSERTER ÖLGEWINNUNG

Title (fr)  
SYSTÈME DE PRODUCTION SÉLECTIVE DE VAPEUR À PARTIR DE CAPTEURS SOLAIRES ET DISPOSITIFS DE CHAUFFAGE POUR PROCESSUS COMPRENANT LA RÉCUPÉRATION ASSISTÉE DU PÉTROLE

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Application  
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Abstract (en)  
[origin: WO2014107688A1] Systems and methods for selectively producing steam from solar collectors and heaters, for processes including enhanced oil recovery, are disclosed herein, A system in accordance with a particular embodiment includes a water source, a solar collector that includes a collector inlet, a collector outlet, and a plurality of solar concentrators positioned to heat water passing from the collector inlet to the collector outlet, a fuel-fired heater, a steam outlet connected to an oil field injection well, and a water flow network coupled among the water source, the solar collector, the heater, and the steam outlet. The system can further include a controller operatively coupled to the water flow network and programmed with instructions that, when executed, direct at least one portion of the flow through the solar collector and the fuel-fired heater in a first sequence, and direct the at least one portion or a different portion of the flow through the solar collector and the fuel-fired heater in a second sequence different than the first sequence.

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